

LPY

Hybrid AC/DC Solar Submersible Pump
With Plastic Impeller



Applications

- Agriculture irrigation, Livestock feeding, Domestic water lifting
- Clean water supply from wells or reservoirs
- Off grid solar pumping system

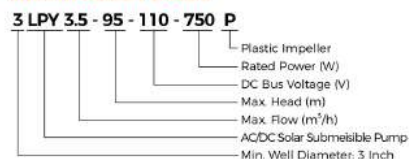
Pump Features

- Oil-filled motor
- With MPPT AC/DC Inverter
- Plastic Impeller and diffuser
- AISI304 oil chamber & outlet
- High efficiency PMSM brushless motor (PMSM: Permanent-Magnet Synchronous Motor)

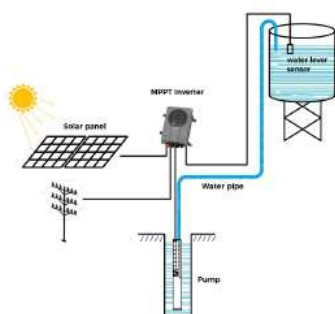
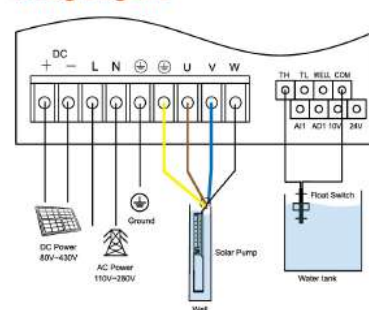
MPPT AC/DC Inverter

- Can be used for both AC and DC power supply
- Enclosures class: IP55
- Ambient temperature: -15 ~ 60°C
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

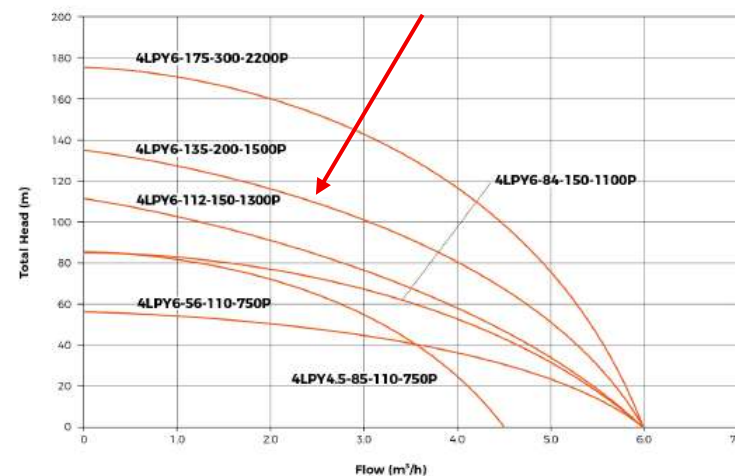
Identification Codes



Wiring Diagram



4LPY



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
4LPY4.5-85-110-750P	750	110-280	80-430	4.5	85	1/4"	2	<430	≥1.3*Pump Power
4LPY6-56-110-750P	750	110-280	80-430	6	56	1/4"	2	<430	≥1.3*Pump Power
4LPY6-84-150-1100P	1100	110-280	80-430	6	84	1/4"	2	<430	≥1.3*Pump Power
4LPY6-112-150-1300P	1300	110-280	80-430	6	112	1/4"	2	<430	≥1.3*Pump Power
4LPY6-135-200-1500P	1500	110-280	80-430	6	135	1/4"	2	<430	≥1.3*Pump Power
4LPY6-175-300-2200P	2200	110-280	80-430	6	175	1/4"	2	<430	≥1.3*Pump Power